

## AMENDMENTS

Please amend the application as indicated hereafter.

### *In the Specification*

Please substitute the following clean copy paragraph/page text for the pending paragraph/page text of the same number.

Page 43, first paragraph, lines 1-5:

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C1  
manufacturer's instructions and analysed by nucleotide sequencing using T7 DNA polymerase (T7 sequencing kit, Pharmacia) and [<sup>35</sup>S]dATP S (Amersham). Sequencing of selected cDNA clones resulted in the full length cDNA clone given in Figure 1. The DNA sequence of FIG. 1 corresponds to SEQ ID NO:1. The protein sequence of FIG. 1 corresponds to SEQ ID NO: 2.

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Page 57, third full paragraph, lines 11-23:

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C2  
The equistatin cDNA contains in the coding region several potential plant polyadenylation signals, mRNA instability motifs and a suboptimal codon usage for expression in plants. To improve the level of gene expression in plants these motifs may be removed and codons may be optimized by site specific mutagenesis without altering the primary protein sequence. Below an example of the modifications required to obtain improved gene expression in potato are given. The top strand represents the coding part of the cDNA clone, below that the suggested modifications of the cDNA sequence are given and below that the protein coding sequence is given using the one-letter code for the amino acid residues. The DNA sequence below corresponds to SEQ ID. NO: 3. The protein sequence corresponds to SEQ ID NO: 4.

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